



Docket No. BIO5015USNP

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Y. Keidar

Serial.No. : 10/624,151

Art Unit: 3739

Filed : July 21, 2003

Examiner: P.J. Vrettakos

For : Ablation Device with Spiral Array Ultrasound  
Transducer

I hereby certify that this correspondence is being deposited with the  
United States Postal Service as first class mail in an envelope addressed  
to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

September 18, 2006

(Date of Deposit)

Vincent J. Serrao

(Name of applicant, assignee, or Registered Representative)

/Vincent J. Serrao/

(Signature)

September 18, 2006

(Date of Signature)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

This copy is supplemental to the Information Disclosure  
Statement mailed on May 5, 2005.

Pursuant to 37 C.F.R. §1.56 and in accordance with 37  
C.F.R. §§1.97-1.98, information relating to the above-  
identified application is hereby disclosed. Inclusion of  
information in this statement is not to be construed as an  
admission that this information is material as that term is  
defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the  
patentability of the claimed invention over any of the

information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

☐ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required.

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

- ☐ Statement in Accordance with §1.97(e) (attached); or
- ☐ Please charge Deposit Account No. 10-0750/ / the fee of \$180.00 as set forth in §1.17(p).

☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or

an action that otherwise closes prosecution and that it is accompanied by one of:

- ☐ Statement in Accordance with §1.97(e) (attached); or
- ☐ Please charge Deposit Account No. 10-0750/ / the fee of \$180.00 as set forth in §1.17(p).

☒ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are: Statement in Accordance with §1.97(e) as set forth below and the fee of \$180.00 as set forth in §1.17(p).

☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:

☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

☒ Copies of only foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98 (a) (2) .

☐ There are no listed references which are not in the English language.

☒ The relevance of those listed references which are not in the English language is as follows: English Abstracts of DE19814697 and JP406120062 have been provided.

☒ Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.

☐ Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/BIO5015NP/VJS. This form is submitted in triplicate.

Respectfully submitted,

/Vincent J. Serrao/  
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DATED: September 18, 2006



PTO/SB/C8A (C8-C9)  
Approved for use through 10/31/2002. OMB 0651-0031  
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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

|                        |                |
|------------------------|----------------|
| Application Number     | 10/624,151     |
| Filing Date            | July 21, 2003  |
| First Named Inventor   | Y. Keidar      |
| Group Art Unit         | 3739           |
| Examiner Name          | P.J. Vrettakos |
| Attorney Docket Number | BIO5015USNP    |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>mm-dd-yyyy | Pages, Columns, Lines,<br>where relevant passages or<br>relevant figures appear |
|----------------------|--------------------------|----------------------|--------------------------------------|--|--|---|
|                      |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |   |
|                      |                          | 3,035,126            |                                      | J.W. Crownover                                     | 12-27-1957   |   |
|                      |                          | 4,135,109            |                                      | L.T. Gingerich et al                               | 01-16-1979   |   |
|                      |                          | 2002/0059708         |                                      | J. Zhang et al                                     | 05-23-2002   |   |
|                      |                          |                      |                                      |  |  |   |
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### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials | Cite<br>No. <sup>1</sup> | Foreign Patent Document |                     |                        | Name of Patentee or<br>Applicant of Cited Document | Date of Publication<br>of Cited Document<br>mm-dd-yyyy | Pages, Columns, Lines,<br>where relevant<br>passages or relevant<br>figures appear | T <sup>6</sup> |
|----------------------|--------------------------|-------------------------|---------------------|------------------------|--|--|--|----------------|
|                      |                          | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup> |  |  |  |                |
|                      |                          | DE                      | 198146<br>97        |                        | D.C. Lupasco                                       | 10-21-1999   |  |                |
|                      |                          | JP                      | 406120<br>062       |                        | T. Tomaru  | 04-28-1994   |  |                |
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| Examiner<br>Signature | Date<br>Considered |
|-----------------------|--------------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbol/s as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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| <b>SUBMISSION UNDER MPEP 609 D</b><br><br>Page 1 of 1 | <i>Application Number</i>     | 10/624,151     |
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|   | <i>Group Art Unit</i>         | 3739           |
|   | <i>Examiner Name</i>          | P.J. Vrettakos |
|   | <i>Attorney Docket Number</i> | BIO5015USNP    |

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**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

| Examiner's<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate),<br>title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s),<br>volume-issue number(s), publisher, city and/or country where published | T <sup>2</sup> |
|-------------------------|--------------------------|--|----------------|
|                         |                          |  |                |
|                         |                          | International Search Report dated July 20, 2005 re: PCT/US04/23332   |                |
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